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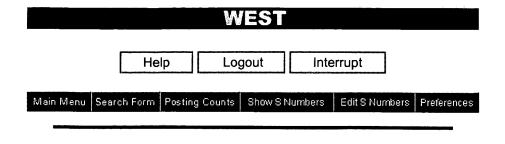
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USPT c5 same antibod\$.clm.		11	<u>L3</u>
USPT c5.clm.		1008	<u>L2</u>
(c5) same (antibod\$) same (treat\$\text{USPT,PGPB,JPAB,EPAB,DWPI} or prevent\$ or inhibit\$ or suppress or antagoni\$)		214	<u>L1</u>



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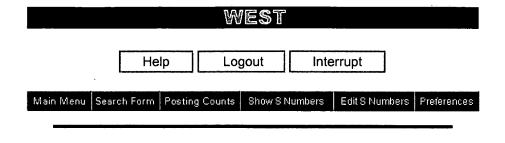
Term	Documents			
C5.USPT,PGPB.	21659			
C5S.USPT,PGPB.	8			
ANTIBOD\$	0			
ANTIBOD.USPT,PGPB.	276			
ANTĪBODAY.USPT,PGPB.	1			
ANTIBODEES.USPT,PGPB.	1			
ANTIBODEIS.USPT,PGPB.	1			
ANTIBODES.USPT,PGPB.	54			
ANTIBODES:.USPT,PGPB.	1			
ANTIBODEY.USPT,PGPB.	1			
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ANTIBOD\$(ANTIBODY-1353).CLM.	pickup term			
(C5 SAME ANTIBOD\$.CLM.).USPT,PGPB.	12			

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DB Name	<u>Query</u>	Hit Count Set Name	
USPT	c5 same antibod\$.clm.	11	<u>L3</u>
USPT	c5.clm.	1008	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI	<pre>(c5) same (antibod\$) same (treat\$ or therap\$ or prevent\$ or inhibit\$ or suppress\$ or block\$</pre>	214	<u>L1</u>



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Term	Documents		
C5.USPT.	20976		
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ANTIBODEES.USPT.	1		
ANTIBODEIS.USPT.	1		
ANTIBODES.USPT.	49		
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ANTIBODEY.USPT.	1		
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Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: AU 735596 B, WO 9529697 A1, AU 9524747 A, EP 758904 A1, BR 9507594 A, JP 10500289 W, KR 97702732 A, MX 9605330 A1, AU 9941042 A, US 6074642 A

L4: Entry 1 of 1

File: DWPI

Jul 12, 2001

DERWENT-ACC-NO: 1995-392923

DERWENT-WEEK: 200147

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TITLE: Treating glomerulonephritis with antibody against complement $\underline{C5}$ component - to inhibit complement induced cell lysis

INVENTOR: EVANS, M J; MATIS, L; MUELLER, E E; NYE, S H; ROLLINS, S; ROTHER, R P; SPRINGHORN, J P; SQUINTO, S P; THOMAS, T C; WANG, Y; WILKINS, J A

PRIORITY-DATA: 1994US-0236208 (May 2, 1994), 1999AU-0041042 (July 21, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 735596 B	July 12, 2001		000	C07K014/00
WO 9529697 A1	November 9, 1995	E	181	A61K038/36
AU 9524747 A	November 29, 1995		000	A61K038/36
EP 758904 A1	February 26, 1997	E	000	A61K038/36
BR 9507594 A	September 16, 1997		000	A61K038/36
JP 10500289 W	January 13, 1998		179	C12N015/09
KR 97702732 A	June 10, 1997		000	A61K038/36
MX 9605330 A1	February 1, 1998		000	A61K038/36
AU 9941042 A	October 28, 1999		000	A61K038/36
US 6074642 A	June 13, 2000		000	A61K039/395

INT-CL (IPC): A01K 67/027; A61K 38/00; A61K 38/36; A61K 39/00; A61K 39/395; C07H 21/04; C07K 14/00; C07K 14/47; C07K 14/75; C07K 16/00; C07K 16/06; C07K 16/18; C07K 16/36; C07K 16/46; C12N 5/10; C12N 5/20; C12N 15/02; C12N 15/09; C12N 15/10; C12N 15/13; C12N 15/63; C12P 21/02; C12P 21/08; G01N 33/53



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Term	Documents
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5G1.DWPI,EPAB,JPAB.	5
"5G1M2.TRANSPARENT9".DWPI,EPAB,JPAB.	1
5G1-5G3.DWPI,EPAB,JPAB.	1
"5G1.1".DWPI,EPAB,JPAB.	1
C5.DWPI,EPAB,JPAB.	11539
C5S.DWPI,EPAB,JPAB.	1
(5G1\$ AND C5).JPAB,EPAB,DWPI.	1

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6074642 A

L3: Entry 1 of 1 File: USPT

Jun 13, 2000

US-PAT-NO: 6074642

DOCUMENT-IDENTIFIER: US 6074642 A

TITLE: Use of antibodies specific to human complement component C5 for the

treatment of glomerulonephritis

DATE-ISSUED: June 13, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Wang; Yi Orange CT
Matis; Louis Southport CT
Rollins; Scott Monroe CT

US-CL-CURRENT: 424/145.1; 424/130.1, 424/140.1, 424/141.1, 424/152.1, 424/158.1

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

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Term	Documents
5G1\$	0
5G1.USPT,PGPB.	48
5G1B.USPT,PGPB.	1
5G1C.USPT,PGPB.	39
5G1CG.USPT,PGPB.	1
5G1C0.USPT,PGPB.	2
5G1C7G2C.USPT,PGPB.	2
5G1C8H.USPT,PGPB.	2
5G1G.USPT,PGPB.	1
5G1H.USPT,PGPB.	7
(5G1\$ AND C5.CLM.).USPT,PGPB.	1

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L4: Entry 4 of 12

File: USPT

Dec 29, 1998

US-PAT-NO: 5853722

DOCUMENT-IDENTIFIER: US 5853722 A

TITLE: Use of C5-specific antibodies for reducing immune and hemostatic

dysfunctions during extracorporeal circulation

DATE-ISSUED: December 29, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rollins; Scott Monroe CT Smith; Brian R. Madison CT Squinto; Stephen P. Bethany CT

ASSIGNEE-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY TYPE CODE

Alexion Pharmaceuticals, Inc. New Haven CT 02
Yale University New Haven CT 02

APPL-NO: 8/ 575057

DATE FILED: December 21, 1995

PARENT-CASE:

This application is a continuation application of application Ser. No. 08/217,391, filed on Mar. 23, 1994 now abandoned.

INT-CL: [6] A61K 39/395, C07K 16/36

US-CL-ISSUED: 424/145.1; 424/140.1, 530/387.29, 530/389.3 US-CL-CURRENT: 424/145.1; 424/140.1, 530/388.25, 530/389.3

FIELD-OF-SEARCH: 424/130.1, 424/140.1, 424/145.1, 530/387.1, 530/388.1,

530/388.25, 530/389.1, 530/389.3

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

		Search Select	ed	Search ALL	
PAT-NO	ISSUE-DAT	Ë	PATENT	TEE-NAME	US-CL
4686100	August 19	87	Raffir	n et al.	N/A
5135916	August 19	92	Sims e	et al.	514/21
5506247	April 199	96	Sinde	lar et al.	N/A

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Mollnes Ann Thorac Surg 52:92-7 (1991).
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ART-UNIT: 186
PRIMARY-EXAMINER: Feisee; Lila
ASSISTANT-EXAMINER: Gambel; Phillip
ATTY-AGENT-FIRM: Klee; Maurice M. Fidel; Seth A.

ABSTRACT:

The use of anti-C5 antibodies to reduce the dysfunction of the immune and hemostatic systems associated with extracorporeal circulation procedures, such as, cardiopulmonary bypass procedures, is disclosed. The antibodies have been found to significantly reduce complement activation, platelet activation, leukocyte activation, and platelet-leukocyte adhesion associated with such procedures.

8 Claims, 4 Drawing figures